

ABSTRACT

A convergence coefficient determination section 104 compares an average value calculated by an average value calculator 103 with a preset threshold value, and determines a convergence coefficient. A gain coefficient determination section 106 determines a control gain based on the aforementioned convergence coefficient and the aforementioned average value. A gain/voltage converter 107 converts the gain coefficient to a voltage to obtain a voltage control value. A GCA 101 amplifies a received signal in accordance with the voltage control value after it has undergone digital conversion.

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